



MTN150

## MCB 1P 6kA B-50A 1M

### Technical characteristics

#### Architecture

Number of poles	1 P
Type of pole	1 P
Curve	B

#### Main electrical features

Rated operational voltage U <sub>e</sub>	230 / 400 V
Frequency	50/60 Hz
Type of supply voltage	AC

#### Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V

#### Electric current

Rated service breaking capacity I <sub>cs</sub> AC according IEC 60898-1	6 kA
Rated short circuit breaking capacity I <sub>cn</sub> under 230V AC according IEC60898-1	6 kA

#### Electric current / temperature

Rating current 30°C	50 A
---------------------	------

#### Dimensions

Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	17.5 mm

#### Power

Total power loss under I <sub>N</sub>	5.2 W
---------------------------------------	-------

#### Endurance

Electric endurance in number of cycles	4000
Number of mechanical operations	20000

#### Installation, mounting

Tightening torque	2,8Nm
-------------------	-------

#### Connection

Connection cross-sect. flexible conductor	1 / 25mm <sup>2</sup>
Connection cross-sect. rigid cable	1 / 35mm <sup>2</sup>

**Standards**

Standard text	EN 60898-1
European directive WEEE	concerned

**Safety**

Protection index IP	IP20
---------------------	------

**Use conditions**

Operating temperature	-25...70 °C
-----------------------	-------------